

TOWN OF LOS GATOS

#16-831-3407 BLOSSOM HILL PARK BACKSTOP REPLACEMENT

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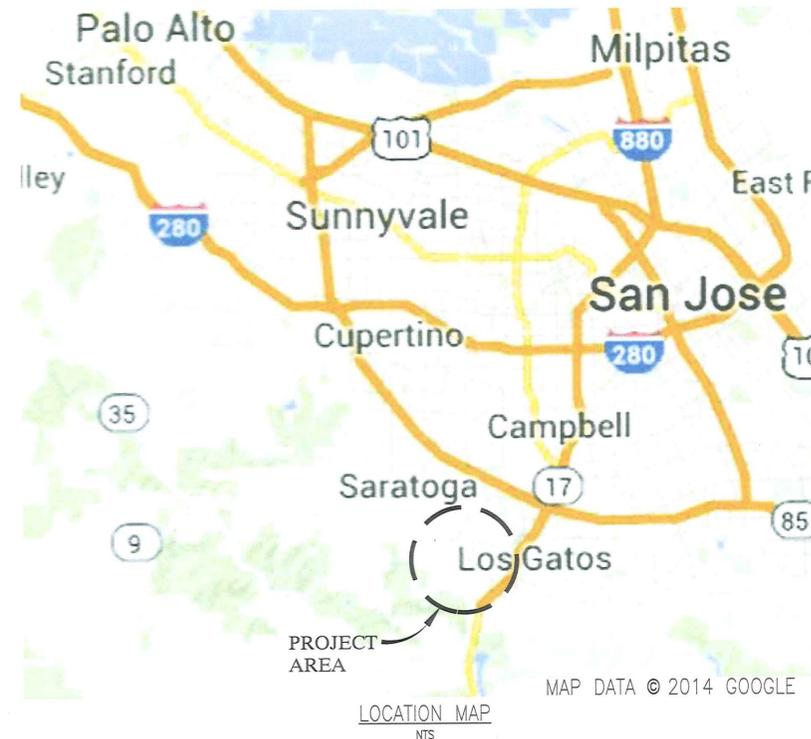
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9/8/16
 DATE



SHEET INDEX	
DRAWING NO.	DESCRIPTION
G1	TITLE SHEET
S1	BACKSTOP FENCE PLAN, DETAILS, & SPECIFICATIONS

#16-831-3407
 BLOSSOM HILL
 PARK BACKSTOP
 REPLACEMENT

OWNER

TOWN OF LOS GATOS
 110 EAST MAIN ST.
 LOS GATOS, CA 95030

NO.	DATE	DESCRIPTION
PROJECT NO: 15-029		
DESIGNED BY: JC		
DRAWN BY: JC		
CHECKED BY: DATE		
DATE: JULY 26, 2016		

SHEET TITLE

TITLE SHEET

DRAWING

G1

- GENERAL NOTES**
1. ANY FEATURE OF CONSTRUCTION NOT FULLY SHOWN OR DETAILED SHALL BE OF THE SAME TYPE AS SHOWN ON THE PLANS FOR SIMILAR CONDITIONS.
 2. THE CONTRACTOR SHALL IMMEDIATELY REPORT TO THE ENGINEER ANY DISCREPANCY OCCURRING ON THE DRAWINGS OR FOUND IN HIS COORDINATION WORK. NO CHANGES IN APPROVED PLANS SHALL BE MADE WITHOUT THE PRIOR WRITTEN CONSENT OF THE ENGINEER.
 3. ANY REQUEST FOR ALTERATIONS OR SUBSTITUTIONS MUST BE PRESENTED DIRECTLY TO THE ENGINEER, ACCOMPANIED BY A DETAILED SKETCH FOR REVIEW BEFORE AN APPROVAL WILL BE GIVEN, AND BEFORE PROCEEDING WITH THE WORK.
 4. ALL CONSTRUCTION SHALL CONFORM TO THE APPLICABLE PROVISIONS OF THE APPLICABLE PORTIONS OF THE 2013 CALIFORNIA BUILDING CODE.
 5. IT IS THE CONTRACTOR'S RESPONSIBILITY TO VERIFY THE LOCATION AND DEPTH OF ALL UTILITIES PRIOR TO CONSTRUCTION, AND TO NOTIFY THE ENGINEER IN THE EVENT OF A CONFLICT.
 6. THE CONTRACTOR SHALL SECURE ALL REQUIRED CONSTRUCTION PERMITS FROM THE BUILDING DEPARTMENT PRIOR TO THE START OF WORK.

- CONCRETE**
1. ALL CONCRETE WORK SHALL BE DONE IN CONFORMANCE WITH THE LATEST EDITION OF THE ACI BUILDING CODE (ACI 318-11) AND THE LATEST EDITION OF THE MANUALS OF CONCRETE PRACTICE.
 2. THE CONCRETE FOR THE FOUNDATIONS SHALL HAVE A MINIMUM 28-DAY COMPRESSIVE STRENGTH OF 2500 PSI. THE USE OF ANY ADMIXTURE SHALL BE APPROVED BY THE ENGINEER.
 3. THE MAXIMUM AGGREGATE SIZE SHALL BE 3/4" INCH FOR PUMP DELIVERED CONCRETE.
 4. REINFORCEMENT, ANCHOR BOLTS, SLEEVES, AND OTHER ITEMS TO BE CAST MONOLITHICALLY IN CONCRETE SHALL BE SECURELY FASTENED AND IN PLACE PRIOR TO PLACING THE CONCRETE.

- REINFORCING STEEL**
1. REINFORCING STEEL SHALL COMPLY WITH ASTM A615, GRADE 40 FOR #4 AND SMALLER BARS, GRADE 60 FOR #5 AND LARGER BARS. SPLICES SHALL BE STAGGERED WHERE POSSIBLE. SPLICE BARS 40 BAR DIAMETERS, MINIMUM.
 2. SUPPORTING DEVICES FOR THE REINFORCEMENT SHALL BE SPACED SUFFICIENTLY TO PROPERLY SUPPORT THE REINFORCEMENT AND PREVENT EXCESSIVE DEFLECTION THAT MAY RESULT IN IMPROPER BAR PLACEMENT.
 3. THE FOLLOWING MINIMUM BAR COVERS SHALL BE MAINTAINED:
CONCRETE CAST AGAINST AND PERMANENTLY EXPOSED TO EARTH --- 3 INCHES
CONCRETE EXPOSED TO EARTH OR WEATHER --- 1 1/2" INCHES

- STRUCTURAL STEEL**
1. ALL WORK DONE UNDER THIS SECTION SHALL CONFORM TO THE REQUIREMENTS OF THE AISC SPECIFICATIONS AND THE CODE OF STANDARD PRACTICE, OR THE PWS SPECIFICATIONS FOR WELDING (AWS D1.1-08)
 2. STRUCTURAL PIPE SHALL CONFORM TO ASTM A53, GRADE B.
 3. ALL BOLTS SHALL CONFORM TO ASTM A307 OR BETTER, UNLESS NOTED OTHERWISE.
 4. ALL STEEL FASTENERS EXPOSED TO THE WEATHER SHALL BE HOT-DIPPED GALVANIZED AS SPECIFIED IN SECTION 75-01.05, 'GALVANIZING', OF THE CALTRANS STANDARD SPECIFICATIONS.
 5. ALL STRUCTURAL STEEL MEMBERS AND CONNECTORS EXPOSED TO THE WEATHER OR IN CONTACT WITH PRESERVATIVE TREATED LUMBER SHALL BE HOT DIPPED GALVANIZED WITH A MINIMUM G185 COATING. GALVANIZED STEEL MEMBERS SHALL COMPLY WITH ASTM A123 AND ASTM A153. GALVANIZED MEMBERS SHALL HAVE VENT HOLES TO PREVENT WARPING OF STRUCTURAL MEMBERS.
 6. THE CONTRACTOR SHALL FIELD VERIFY ALL DIMENSIONS AND FIELD CONDITIONS PRIOR TO FABRICATING THE STEEL MEMBERS. IN THE EVENT OF A DISCREPANCY, NOTIFY THE ENGINEER PRIOR TO PROCEEDING.

- FOUNDATION AND EARTHWORK NOTES:**
1. FOUNDATION EXCAVATIONS SHALL BE PERFORMED AS NEATLY AS POSSIBLE. THE SHAPE OF THE EXCAVATIONS SHALL BE THE SHAPE AND THE SIZE AS SHOWN ON THE DETAILS HEREON.
 2. THE FOUNDATION DESIGN FOR THIS BACKSTOP FENCE WAS BASED ON THE LATERAL BEARING CAPACITY FOR FOUNDATIONS OF AS DEFINED IN SECTION 1806 OF THE 2013 CBC. AN ALLOWABLE LATERAL BEARING CAPACITY OF 200 PSF/FT WAS USED WHICH IS BASED ON TABLE 1806.2 AND THE ALLOWABLE INCREASE PER SECTION 1806.3.4 OF THE 2013 CBC. IN THE EVENT THAT UNUSUAL OR SUBSTANDARD SOIL CONDITIONS ARE ENCOUNTERED, A SOIL SITE INVESTIGATION MAY BE REQUIRED. IN THIS EVENT, THE FOOTING WIDTHS AND DEPTHS SHOWN HEREON MAY CHANGE. THE CONTRACTOR SHALL NOTIFY THE ENGINEER PRIOR TO PROCEEDING IN THE EVENT THAT POOR OR SUBSTANDARD SOIL CONDITIONS ARE ENCOUNTERED.
 3. FOUNDATION DEPTHS SHOWN HEREON ARE BASED ON MINIMUM PENETRATION INTO PROPERLY COMPACTED FIRM NATIVE MATERIAL. LOOSE SOIL OR POOR SITE CONDITIONS MAY REQUIRE ADDITIONAL DEPTH TO ACHIEVE ADEQUATE BEARING SUBJECT TO INSPECTION BY THE BUILDING INSPECTOR. ANY SITE DISTURBED SOILS INTENDED TO BE USED AS FILL SHALL BE MOISTURE CONDITIONED AND COMPACTED IN UNIFORM LIFTS PURSUANT TO ACCEPTED INDUSTRY STANDARDS.

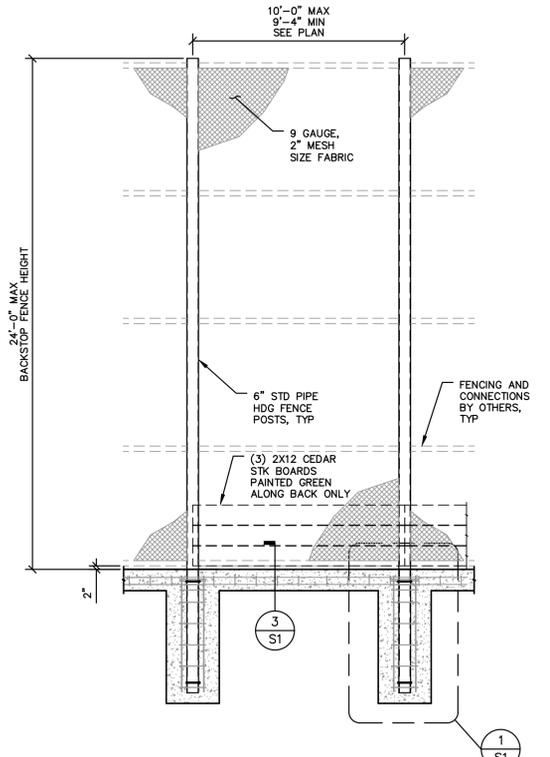
- NOTES REGARDING BACKSTOP APPURTENANCES:**
1. ALL APPURTENANCES SUCH AS SCOREBOARD TABLE, IRRIGATION CONTROLLER AND ELECTRICAL SERVICE FOR SCORE BOARD SHALL BE REATTACHED TO THE NEW BACKSTOP FENCE SIMILAR TO EXISTING CONTRACTOR IS RESPONSIBLE FOR PROVIDING ADDITIONAL INTERMEDIATE RAILS IN FENCE AS REQUIRED TO SUPPORT APPURTENANCES.
 2. CONDUIT FOR THE IRRIGATION CONTROLLER AND SCORE BOARD SHALL BE MODIFIED TO ALLOW FOR THE CONSTRUCTION OF THE MOW BAND.

- NOTES REGARDING SPECIAL INSPECTION AND TESTING:**
1. THE OWNER SHALL EMPLOY SPECIAL INSPECTORS AS REQUIRED DURING CONSTRUCTION TO PROVIDE SPECIAL INSPECTION AS REQUIRED BY SECTION 1705 OF THE 2013 CBC.
 2. SPECIAL INSPECTIONS AND VERIFICATIONS FOR CONCRETE SHALL BE PROVIDED AS INDICATED IN TABLE 1705.3 OF THE 2013 CBC.
 3. PRIOR TO PLACEMENT OF ANY FOUNDATION CONCRETE THE PROJECT ENGINEER OR SPECIAL INSPECTOR SHALL INSPECT THE FOUNDATION EXCAVATIONS FOR THE MINIMUM EMBEDMENT DEPTH OF FOOTINGS INTO FIRM NATIVE MATERIAL.

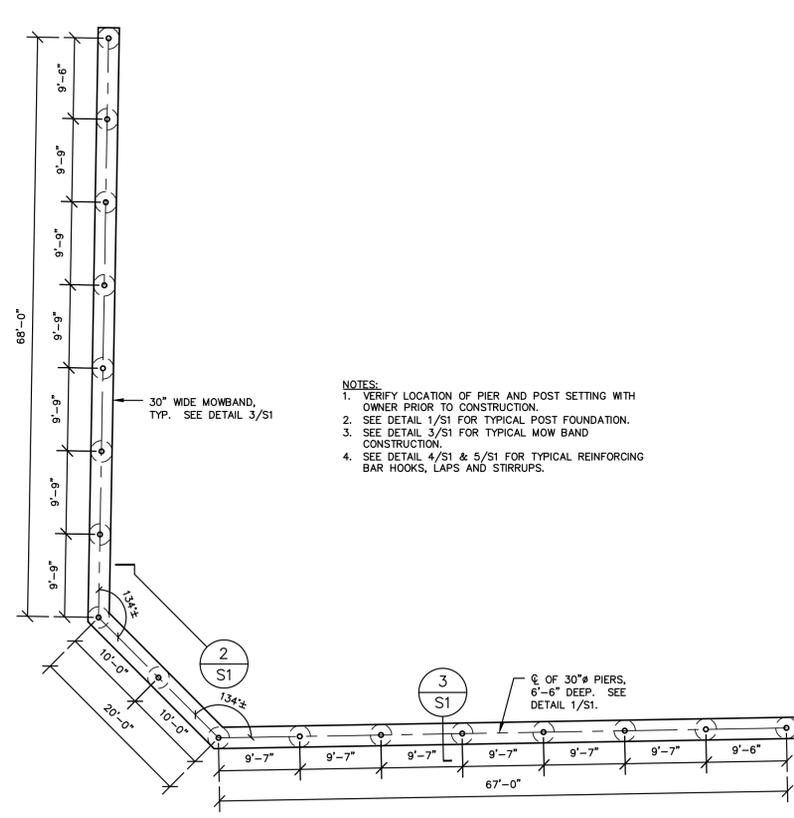
- BASIS OF DESIGN (2013 CBC & ASCE 7-10):**
1. THE FOLLOWING WIND DESIGN DATA WAS USED FOR THE STRUCTURAL DESIGN:
BASIC WIND SPEED: 115 MPH
RISK CATEGORY III
WIND EXPOSURE CATEGORY: EXPOSURE C
 2. THE FOLLOWING EARTHQUAKE DESIGN DATA WAS USED FOR THE STRUCTURAL DESIGN:
SEISMIC IMPORTANCE FACTOR: 1.25
SITE CLASS D
SPECTRAL RESPONSE COEFFICIENTS: $S_s = 2.475$; $S_1 = 0.965$
SEISMIC DESIGN CATEGORY E
BASIC SHEAR FORCE RESISTING SYSTEM: CANTILEVER COLUMN SYSTEM
SEISMIC DESIGN FORCE: $V = 0.48W$

ABBREVIATIONS:

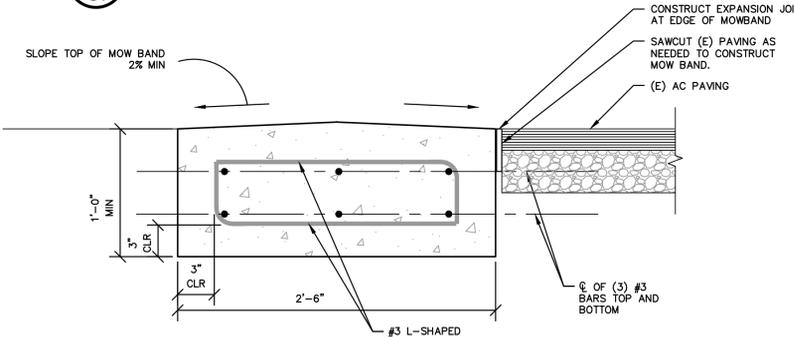
AB	ANCHOR BOLT	HSS	HIGH STRENGTH STEEL
ACI	AMERICAN CONCRETE INSTITUTE	MAX	MAXIMUM
ASCE	AMERICAN SOCIETY OF CIVIL ENGINEERS	LONG'L	LONGITUDINAL
ATR	ALL THREAD ROD	MIN	MINIMUM
CBC	CALIFORNIA BUILDING CODE	(N)	NEW
CL	CENTER LINE	OC	ON CENTER
CLR	CLEAR	PLF	POUNDS PER LINEAL FOOT
CMU	CONCRETE MASONRY UNIT	PLYWD	PLYWOOD
COL	COLUMN	PSF	POUNDS PER SQUARE FOOT
CONC	CONCRETE	PTDF	PRESERVATIVE TREATED DOUG FIR
CONN	CONNECTION	REINF	REINFORCEMENT
DBL	DOUBLE	SQ	SQUARE
DIA	DIAMETER	STD	STANDARD
DF	DOUG FIR	TYP	TYPICAL
(E)	EXISTING	UNO	UNLESS NOTED OTHERWISE
EA	EACH	VERT	VERTICAL
GALV	GALVANIZED	VF	VERIFY IN FIELD
HDG	HOT DIPPED GALVANIZED	WP	WORK POINT
HORIZ	HORIZONTAL		



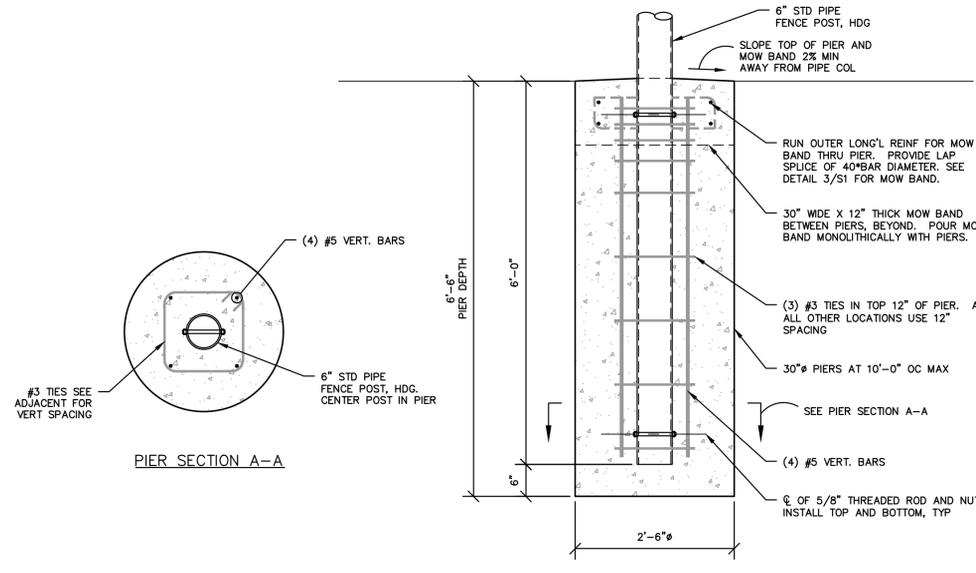
2 PARTIAL FENCE ELEVATION
SCALE: 1/4"=1'-0"



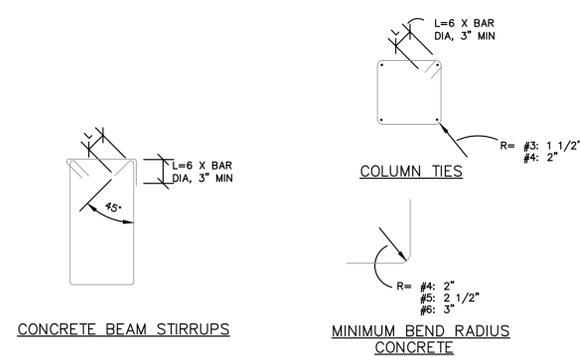
BACKSTOP FENCE PLAN
SCALE: 1"=10'-0"



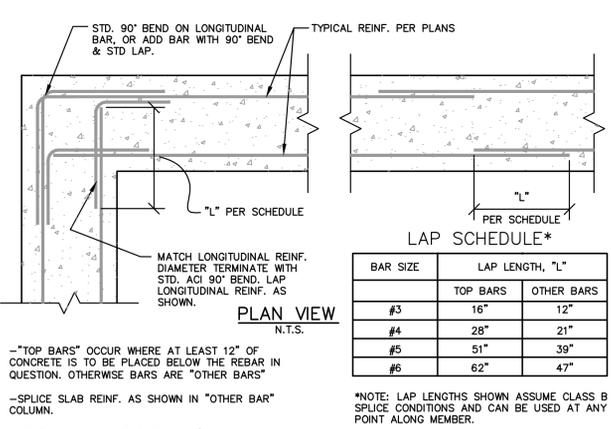
3 MOW BAND DETAIL
SCALE: 1 1/2"=1'-0"



1 BACKSTOP FENCE FOOTING DETAIL
SCALE: 3/4"=1'-0"



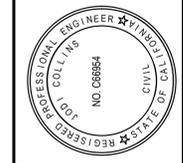
5 REINFORCING BENDING DETAILS
SCALE: NTS



4 REINFORCING DETAILS - CONCRETE CONSTRUCTION
SCALE: NTS

PROJECT DESCRIPTION:
THE PROPOSED PROJECT INCLUDES THE REMOVAL OF THE EXISTING BACKSTOP AND THE INSTALLATION OF A NEW BACKSTOP AS SHOWN ON THESE PLANS.

BID ALTERNATES:
BID ALTERNATE A: THE CONSTRUCTION OF THE NEW BACKSTOP AS SHOWN ON THESE PLANS INCLUDING THE MOW BAND SHOWN ON THE DETAILS THIS SHEET.
BID ALTERNATE B: THE CONSTRUCTION OF THE NEW BACKSTOP SHOWN ON THESE PLANS EXCLUDING THE MOW BAND.



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Backstop Fence
Plan, Details
& Specifications

Los Gatos Little League
Backstop Fence
Blossom Hill Park
16300 Blossom Hill Road
Los Gatos, CA

DATE: JULY 26, 2016
SCALE: AS NOTED
DRAWING NAME: 15-029.DTL5
DRAWN BY: JC
PROJECT NO.: 15-029

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